

## UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.  
WASHINGTON, D.C. 20460

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## Data Matrix

Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352- <del>44964001</del> (assigned) <b>352-44964001</b>			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
61-1, 61-2, 62-1, 62-2, 62-3	Certified Limits; DuPont Report Title: Technical Grade Chlorsulfuron (DPX-W4189) Analysis and Certification of Product Ingredients; DuPont Report Number: AMR 4727-97	44964001	352	OWN	
61-1, 61-2, 61-3	Description of Production Process / Discussion of Formation of Impurities; DuPont Report Title: Technical Grade Chlorsulfuron (DPX-W4189) Manufacturing Description and Formation of Impurities; DuPont Report Number: AMR 4869-98	44964002	352	OWN	
61-1, 61-2	Product Identity and Composition; DuPont Report Title: Chlorsulfuron: Product Identity and Composition; DuPont Report Number: AMR 2437-92	42454101	352	OWN	
62-2	Discussion of formation of impurities; DuPont Report Title: Impurity Profile for Technical DPX-4189; DuPont Report Number: G / PC-13	31427	352	OWN	
62-3	Analytical Method; Determination of DPX-4189: Reversed-phase Liquid Chromatography (RPLC) Assay Method. Undated method no. C 298.0282 (R).	83954	352	OWN	
62-3	Analytical Method; Technical Grade Chlorsulfuron (DPX-4189) Analysis and Certification of Product Ingredients.	44964001	352	OWN	

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Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
62-3, 62-1, 61-1, 62-2	Certified Limits; DuPont Report Title: Technical Grade Chlorsulfuron Analysis and Certification of Product Ingredients (Revision 1); DuPont Report Number: AMR 2921-94, Rev 1	43672501	352	OWN	
63-2 to 63-13	Physical and Chemical Characteristics; DuPont Report Title: Physical and Chemical Characteristics of Chlorsulfuron; DuPont Report Number: AMR 2370-92	42454102	352	OWN	
63-8	Water Solubility, generator column method; DuPont Report Title: Solubility of Chlorsulfuron in Organic Solvents Using Continuous Sample Agitation; DuPont Report Number: AMR 2375-92	42454103	352	OWN	
63-8	Water Solubility, generator column method; DuPont Report Title: Determination of The Water Solubility of Chlorsulfuron, W4189 (Revision 1); DuPont Report Number: W 4189.B, Rev. 1	42454104	352	OWN	
63-9	Vapor Pressure; DuPont Report Title: Vapor Pressure of Chlorsulfuron At 25C; DuPont Report Number: G/PC-22-CA	42454105	352	OWN	
63-9	Vapor Pressure; DuPont Report Title: Vapor Pressure of Chlorsulfuron At 25 Degrees Centigrade (Revision 1); DuPont Report Number: G/PC-22-CA, Rev. 1	43898601	352	OWN	

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Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
63-10	Dissociation Constant in water; DuPont Report Title: Dissociation Constant of Chlorsulfuron; DuPont Report Number: AMR 2367-92	42454106	352	OWN	
63-11	Partition Coefficient; DuPont Report Title: N-Octanol/Water Partition Coefficient of Chlorsulfuron (Revision 1); DuPont Report Number: AMR 1224-88, Rev. 1	42454107	352	OWN	
63-13	Stability to normal and elevated temperatures, metals and metal ions; DuPont Report Title: Stability of Chlorsulfuron in The Presence of Metal and Metal Ions, in Sunlight and At Normal and Elevated Temperatures; DuPont Report Number: AMR 2372-92	42454108	352	OWN	
63-17	Storage Stability Data; DuPont Report Title: Du PontGlean Weed Killer: Storage Stability; DuPont Report Number: G / PC-15	83952	352	OWN	
830.1550, 1700, 1750, 1800, 61-1, 62-1, 62-2, & 62-3	Product Identity, Composition, and Analysis; DuPont Report Title: Technical Grade Chlorsulfuron (DPX-W4189) Analysis and Certification of Product Ingredients; DuPont Report Number: AMR 4727-97	44481001	352	OWN	
830.1620 830.1670 830.1550 & 830.1700	Description of production process, Discussion of formation of impurities; DuPont Report Title: Technical Grade Chlorsulfuron (DPX-W4189) Manufacturing Description and Formation of Impurities; DuPont Report Number: AMR 4869-98	44481002	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
81-1	Acute Oral Toxicity -rat; DuPont Report Title: Oral LD50 Test in Fasted Male and Female Rats; DuPont Report Number: HLR 399-79	31406	352	OWN	
81-1	Acute Oral Toxicity -rat; DuPont Report Title: Acute Oral toxicity Study With INW-4189-144 in Male and Female Rats; DuPont Report Number: HLR 22-87	40486801	352	OWN	
81-1	Acute Oral Toxicity -rat; DuPont Report Title: Median Lethal Dose (LD50) of in H-9637-4 in Rats [Revision 1]; DuPont Report Number: HLR 113-85, Rev. 1	40622701	352	OWN	
81-2	Acute Dermal Toxicity; DuPont Report Title: Acute Dermal toxicity Study With INW-4189-144 in Rabbits; DuPont Report Number: HLR 18-87	40486802	352	OWN	
81-2	Acute Dermal Toxicity; DuPont Report Title: Skin Absorption LD50 Test On Rabbits (Revision 1); DuPont Report Number: HLR 129-85, Rev. 1	40622702	352	OWN	

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Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product: DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
81-3	Acute Inhalation Toxicity; DuPont Report Title: LC50 - Inhalation Test For Pesticide Registration - Albino Rats; DuPont Report Number: HLR 129-80	86825	352	OWN	
81-4	Acute Eye Irritation; DuPont Report Numbers: HLR 727-86, Rev. 1 and HLR 27-88, plus Supplement 1 to HLR 27-88	40486803, 45833702, 45833703	352	OWN	
81-4	Primary Eye Irritation -rabbit; DuPont Report Title: Eye Irritation Test in Rabbits - EPA Pesticide Registration; DuPont Report Number: HLO 130-85	40622703	352	OWN	
81-5	Primary Dermal Irritation; DuPont Report Numbers: HLR 17-87 and DuPont 5994	40486804, 45833704	352	OWN	
81-5	Primary Dermal Irritation; DuPont Report Title: H9637-4 Skin Irritation Test On Rabbits [Revision 1]; DuPont Report Number: HLR 111-85, Rev. 1	40622704	352	OWN	
81-6	Dermal Sensitization; DuPont Report Title: Dermal Sensitization Study With INW-4189-144 in Guinea Pigs; DuPont Report Number: HLR 792-86	40486805	352	OWN	

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Date: 12/22/04	Chlorsulfuron Technical; DuPont TELAR DF Herbicide	EPA Reg No./File Symbol: 352-yyy (to be assigned)
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide

Ingredient: CHLORSULFURON

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
82-1	90-day Oral -rodent; DuPont Report Title: Ninety-Day Feeding Study with 2-Chloro-N- (4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl benzenesulfonamide (INW-4189) In Rats: Report No. 80-80. Final ret. ; DuPont Report Number: HLR 80-80	31418	352	OWN	
None	Subacute Inhalation Toxicity; DuPont Report HLR-154-83	45833701	352	OWN	
82-1	90-day Oral -Non-rodent; DuPont Report Title: Six-Month Feeding Study in Dogs with 2-Chloro-N- (4-methoxy-6-meth-yl-1,3,5-triazin-2-yl)aminocarbonyl benzenesulfonamide (INW-4189): Report No. 108-80. Final rep. ; DuPont Report Number: HLR 108-80	31420	352	OWN	
83-1	Chronic Exposure - Dietary; DuPont Report Title: Long-Term Feeding Study with 2-Chloro-N-[4-Methoxy-6-Methyl-1,3,5-triazin-2-yl) aminocarbonyl] benzenesulfonamide (INW-4189) in Mice: ; DuPont Report Number: HLR 203-80	31422	352	OWN	
82-1	90-day Oral -rodent; DuPont Report Title: Ninety-Day Range-Finding Feeding Study with 2-Chloro-N- (4-methoxy-6-meth-yl-1,3,5-triazin-2-yl)aminocarbonyl benzenesulfonamide (INW-4189) in Mice: Report No. 69-80. ; DuPont Report Number: HLR 69-80	31421	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
83-1 & 83-4	Chronic feeding - rodent; DuPont Report Title: Long-Term Feeding Study With 2-Chloro-N-[(4-Methoxy-6-Methyl-1,3,5-Triazin-2-Yl) Aminocarbonyl] Benzenesulfonamide (INW-4189) in Rats; DuPont Report Number: HLR 557-81	86003	352	OWN	
83-1	Chronic feeding - non-rodent; DuPont Report Title: A Chronic (1 Year) Oral toxicity Study in The Dog With DPX-W4189 (Chlorsulfuron) Via The Diet (2 Volumes); DuPont Report Number: HLO 163-91	41862601	352	OWN	
83-1	Chronic toxicity / Carcinogenicity; DuPont Report Title: Long-term Feeding Study with INW-4189 in Mice; DuPont Report Number: HLR 836-81	90030	352	OWN	
83-3	Developmental Toxicology -rat; DuPont Report Title: Teratogenicity Study of DPX-W4189-165 (Chlorsulfuron) in Rats; DuPont Report Number: HLR 734-90	41976406	352	OWN	
83-3	Developmental Toxicology -rat; DuPont Report Title: Teratogenicity Study of DPX-W4189-165 (Chlorsulfuron) in Rabbits; DuPont Report Number: HLR 306-90	41983101	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
83-4	Reproduction Toxicology -rat; DuPont Report Title: Summary of Progress on a Three-Generation Six-Litter Reproduction Study in Rats with 2-Chloro-N- (4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl benzenesulfonamide (INW-4189); DuPont Report Number: G / Tox-1	31423	352	OWN	
84-4	Genetic Toxicity; DuPont Report Title: Dominant Lethal Evaluation in Rats; DuPont Report Number: HLO-789-80	83944	352	OWN	
84-2	Salmonella Typhimurium reverse mutation Assay; DuPont Report Title: Mutagenic Activity of Benzenesulfonamide,2-Chloro-N- (4-methoxy-6-methyl-1,3,5-triazin-2-yl)aminocarbonyl - in the Salmonella/Microsome Assay: Report No. 121-77. ; DuPont Report Number: HLO 121-77	31425	352	OWN	
84-2	Salmonella Typhimurium reverse mutation Assay; DuPont Report Title: Chinese Hamster Ovary Cell Assay for Mutagenicity; ; DuPont Report Number: HLR 475-80. Rev. 1	83943	352	OWN	
84-2	Genetic Toxicity; DuPont Report Title: Mutagenicity Evaluation of 12,700 in an in vitro Cytogenetic Assay Measuring Chromosome Aberration Frequencies in Chinese Hamster Ovary (CHO) Cells; DuPont Report Number: HLO 323-81	88755	352	OWN	



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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
84-2	Genetic Toxicity; DuPont Report Title: The Hepatocyte Primary Culture/DNA Repair Assay on Compound 12700 Using Rat Hepatocytes in Culture; DuPont Report Number: HLO 794-81	90008	352	OWN	
84-2	Salmonella Typhimurium reverse mutation Assay; DuPont Report Title: Assessment of in W4189-165 in The in Vitro Unscheduled Dna Synthesis Assay in Primary Rat Hepatocytes (Revision 1); DuPont Report Number: HLR 573-90, Rev. 1	42545601	352	OWN	
85-1	Metabolism and pharmacokinetics; DuPont Report Title: Metabolism of <sup>14</sup> C-DPX-W4189 by Rats; DuPont Report Number: AMR 53-81	86831	352	OWN	
85-1	Metabolism and pharmacokinetics; DuPont Report Title: The Absorption and Disposition of [ <sup>14</sup> C]DPX-E9636 in the Rat; DuPont Report Number: AMR 1197-88	42540701	352	OWN	
122-1	Terrestrial Plant Toxicity (vegetative vigor); DuPont Report Title: Comparison of Several Controls On Vegetative Vigor of Several Terrestrial Plant Species ; DuPont Report Number: AMR 2736-93	43370501	352	OWN	

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Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
122-1, 123-1	Plant Protection: Tier I: Seedling Emergence/ Vegetative Vigor; DuPont Report Title: Influence of Chlorsulfuron On Seed Germination, Seedling Emergence, and Vegetative Vigor of Several Terrestrial Plants; DuPont Report Number: AMR 2070-91	42201001	352	OWN	
122-1, 123-1	Plant Protection: Tier I: Seedling Emergence/ Vegetative Vigor; DuPont Report Title: Influence of Chlorsulfuron On Seed Germination, Seedling Emergence, and Vegetative Vigor of Several Terrestrial Plants (Revision 1); DuPont Report Number: AMR 2070-91, Rev. 1	42587201	352	OWN	
122-2, 123-2	Plant Protection: Tier I: Aquatic Plant Growth; DuPont Report Numbers: AMR 2081-91, DuPont 4468, DuPont 4465, DuPont 4466, DuPont 4467	42186801, 45832901- 45832904	352	OWN	
141-1	Honeybee acute contact LD50; DuPont Report Title: H#18,053: An Acute Contact toxicity Study With The Honey Bee; DuPont Report Number: HLO 690-91	42129902	352	OWN	
71-1	Avian Oral LD50; DuPont Report Title: Acute Oral LD50 Study in Mallard Ducks; DuPont Report Number: HLO 289-80	35263	352	OWN	
71-1	Avian Oral LD50; DuPont Report Title: H #18,253: An Acute Oral toxicity Study With The Northern Bobwhite; DuPont Report Number: HLO 290-80	35264	352	OWN	

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Ingredient: CHLORSULFURON

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
71-2	Avian Dietary Toxicity; DuPont Report Title: Eight-Day Dietary (LC50) - Bobwhite Quail; DuPont Report Number: HLO 806-81	90009	352	OWN	
71-2	Avian Dietary Toxicity; DuPont Report Title: Avian Dietary toxicity (LC50) Study in Bobwhite Quail; DuPont Report Number: HLO 706-79	35265	352	OWN	
71-4	Avian Reproduction; DuPont Report Title: A One-Generation Reproduction Study With The Northern Bobwhite (Colinus Virginianus); DuPont Report Number: HLO 564-92	42634001	352	OWN	
71-4	Avian Reproduction; DuPont Report Title: A One-Generation Reproduction Study With The Mallard (Anas Platyrhynchos); DuPont Report Number: HLO 565-92	42634002	352	OWN	
72-1	Freshwater Fish LC50; DuPont Report Title: 96-Hour LC50 to Bluegill Sunfish; DuPont Report Number: HLR 385-79	35258	352	OWN	
72-1	Freshwater Fish LC50; DuPont Report Title: 96-Hour LC50 to Rainbow Trout; DuPont Report Number: HLR 386-79	35259	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide

Ingredient: CHLORSULFURON

Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
72-1	Freshwater Fish LC50; DuPont Report Title: 96-Hour LC50 to Fathead Minnows; DuPont Report Number: HLR 384-79	35260	352	OWN	
72-1	Freshwater Fish LC50; DuPont Report Title: 96-Hour LC50 to Channel Catfish; DuPont Report Number: HLR 856-79	35261	352	OWN	
72-2	Freshwater Fish Aquatic Invertebrate LC50; DuPont Report Title: 48-Hour LC50 to Daphnia Magna; DuPont Report Number: HLR 152-79	35262	352	OWN	
72-3	Acute LC50/EC50 Estuarine and Marine Organisms; DuPont Report Title: Static Acute toxicity of DPX-W4189-165 (Chlorsulfuron) to The Sheepshead Minnow, Cyprinodon Variegatus; DuPont Report Number: HLO 516-91	41976401	352	OWN	
72-3	Acute LC50/EC50 Estuarine and Marine Organisms; DuPont Report Title: Static Acute toxicity of DPX-W4189-165 (Chlorsulfuron) to The Mysid, Mysidopsis Bahia; DuPont Report Number: HLO 523-91	41976402	352	OWN	
72-3	Acute LC50/EC50 Estuarine and Marine Organisms; DuPont Report Title: Static Acute toxicity of DPX-W4189-165 (Chlorsulfuron) to Bivalve Mollusc Embryos and Larvae; DuPont Report Number: HLO 524-91	41976403	352	OWN	

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## Data Matrix

Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
72-3	Bivalve acute toxicity tests; DuPont Report Title: Static Acute toxicity of DPX-W4189-165 (Chlorsulfuron) to Bivalve Mollusc Embryos and Larvae; DuPont Report Number: HLO 524-91, Rev. 1	42328601	352	OWN	
72-4	Fish Early Life Cycle and Aquatic Invertebrates Life Cycle; DuPont Report Title: Chronic toxicity of DPX-W4189-94 to Daphnia Magna; DuPont Report Number: HLR 87-89	41976404	352	OWN	
72-4	Fish Early Life Cycle and Aquatic Invertebrates Life Cycle; DuPont Report Title: Flow-Through, 77 Day toxicity of DPX-W4189-170 to Embryo and Larval Rainbow Trout, Oncorhynchus Mykiss (Revision 1); DuPont Report Number: HLR 494-91, Rev. 1	41976405	352	OWN	
72-4	Fish Early Life Cycle and Aquatic Invertebrates Life Cycle; DuPont Report Title: Chronic toxicity of DPX-W4189-94 to Daphnia Magna (Supplement 1); DuPont Report Number: HLR 87-89, Supp. 1	42309701	352	OWN	
161-1	Environmental Fate: Degradation Studies: Hydrolysis; DuPont Report Title: Hydrolysis of [Phenyl(U)-14C]Chlorsulfuron and [Triazine-2-14C]Chlorsulfuron; DuPont Report Number: AMR 1455-89.161-1	42156701	352	OWN	

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Date: 12/22/04      Chlorsulfuron Technical; DuPont TELAR DF Herbicide		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
161-2	Environmental Fate: Degradation Studies: Photodegradation in Water; DuPont Report Title: Photodegradation of [Phenyl(U)-14C]Chlorsulfuron and [Triazine-2-14C]Chlorsulfuron in Water Conducted in Sunlight; DuPont Report Number: AMR 1455-89.161-2	42156702	352	OWN	
161-3	Environmental Fate: Degradation Studies: Photodegradation on Soil; DuPont Report Title: The Photodegradation of 14C-Chlorsulphuron On A Silty Clay Loam Soil; DuPont Report Number: AMR 1563-89	42156703	352	OWN	
162-1	Environmental Fate: Metabolism Studies: Aerobic Soil; DuPont Report Title: Aerobic Soil Metabolism of Chlorsulfuron; DuPont Report Number: AMR 2213-91	42214201	352	OWN	
162-4	Environmental Fate: Degradation Studies; DuPont Report Title: Degradation of 14C-DPX-W4189 in Anaerobic Aquatic Environments; DuPont Report Number: AMR 38-81, Rev. 1	42156704	352	OWN	
163-1	Environmental Fate: Mobility Studies: Leaching and Adsorption/ Desorption; DuPont Report Title: Batch Equilibrium (Adsorption/Desorption) With [14C] Chlorsulfuron and Soil Thin-Layer Chromatography Studies With [14C] Chlorsulfuron and Its Major Soil Degradates; DuPont Report Number: AMR 1277-88	42156705	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
164-1	Environmental Fate: Dissipation: Field Terrestrial; DuPont Report Title: Field Soil Dissipation of [Phenyl(U)-14C]Chlorsulfuron and [Triazine-2- 14C]Chlorsulfuron in Madera, California; DuPont Report Number: AMR 1417-89	41714401	352	OWN	
164-1	Environmental Fate: Dissipation: Field Terrestrial; DuPont Report Title: Field Soil Dissipation Studies of Chlorsulfuron; DuPont Report Number: AMR 2205-91	42214202	352	OWN	
164-1	Environmental Fate: Dissipation: Field Terrestrial; DuPont Report Title: Terrestrial Field Soil Dissipation of 14C-Chlorsulfuron; DuPont Report Number: AMR 2266-91	43421401	352	OWN	
165-2	Environmental Fate: Accumulation Studies in Crops;; DuPont Report Title: Accumulation Studies of Chlorsulfuron in Rotational Crops; DuPont Report Number: AMR 2242-91	42214203	352	OWN	
165-4	Environmental Fate: Accumulation Studies in Fish; DuPont Report Title: Fish Accumulation Potential For Chlorsulfuron; DuPont Report Number: AMR 2238-91	42214204	352	OWN	
201-1, 202-1	Environmental Fate: Pesticide Field Spray Drift; DuPont Report Title: Pesticide Field Spray Drift Requirments for Chlorsulfuron Technical; DuPont Report Number: DuPont-4049	Spray Drift Task Force	352	OWN	

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Date: 12/22/04		Chlorsulfuron Technical; DuPont TELAR DF Herbicide		EPA Reg No./File Symbol: 352-yyy (to be assigned)	
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Magnitude of Residue-Crop Field Trials; DuPont Report Title: Magnitude and Decline of Residues of Chlorsulfuron in Grasses (Including Wheat) Following Application At Maximum Label Rates; DuPont Report Number: AMR 3814-96	44705401	352	OWN	
171-4	Nature of the Residue- plants; DuPont Report Title: Metabolism of 14C-Labeled Chlorsulfuron in Wheat; DuPont Report Number: AMR 2597-92	43388402	352	OWN	
171-4	Nature of the Residue- plants; DuPont Report Title: 14C-DPX-W4189 Metabolism in Barley; DuPont Report Number: AMR 55-81	86834	352	OWN	
171-4	Storage Stability Data; DuPont Report Title: Stability of Chlorsulfuron in Wheat Grain and Straw During Freezer Storage; DuPont Report Number: AMR 2051-91	41976407	352	OWN	
171-4	Nature of the Residue - Plants; DuPont Report Title: 14C-DPX-W4189 Metabolism in Greenhouse and Field Grown Wheat; DuPont Report Number: AMR 47-81	43388402 86833	352	OWN	
171-4	Storage Stability Data; DuPont Report Title: Chlorsulfuron Metabolite A1 Freezer Storage Study - Green Wheat Forage; DuPont Report Number: AMR 2040-91	42292501	352	OWN	



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Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Magnitude of Residue-Processed Food; DuPont Report Title: Residues of Chlorsulfuron in Wheat Grain and Its Processed Fractions Following Application of Glean Herbicide; DuPont Report Number: AMR 2221-92	42900601	352	OWN	
171-4	Residue-Analytical Method; DuPont Report Title: Extraction Efficiency of Analytical Methods For The Determination of [Phenyl(U)-14C]-Chlorsulfuron Derived Residues in Wheat and Oats; DuPont Report Number: AMR 2309-92	42900602	352	OWN	
171-4	Residue-Analytical Method; DuPont Report Title: Analytical Method (Column Switching/Heart Cut) For The Determination of Residues of Chlorsulfuron (DPX-W4189) and 5-Hydroxychlorsulfuron (IN-N5754) in Wheat (Forage, Grain, and Straw); DuPont Report Number: AMR 2341-92	42900603	352	OWN	
171-4	Residue-Analytical Method; DuPont Report Title: Independent Laboratory Validation of DPX-W4189 and IN-N5754 in Wheat (Grain, Forage, and Straw) Using Column Switching (Heart Cut) Liquid Chromatography (HPLC/UV); DuPont Report Number: AMR 2616-93	42948901	352	OWN	

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Date: 12/22/04      Chlorsulfuron Technical; DuPont TELAR DF Herbicide		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Residue-Analytical Method; DuPont Report Title: Independent Laboratory Validation of DPX-W4189 and In-N5754 in Wheat (Grain, Forage, and Straw) Using Column Switching (Heart Cut) Liquid Chromatography (HPLC/UV) (Revision 1); DuPont Report Number: AMR 2616-93, Rev. 1	43051001	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Method For The Determination of Chlorsulfuron, DPX-A7881, DPX-F5384, DPX-L5300, DPX-M6316, and Metsulfuron Methyl in Groundwater (Revision 1); DuPont Report Number: AMR 1335-88, Rev. 1	43406701	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Method for the Determination of Chlorsulfuron,DPX-A7881, DPX-F5384, DPX-L5300, DPX-M6316, and Metsulfuron Methyl in Groundwater: Supplement A to Report; DuPont Report Number: AMR 1335-88, Supp A	43406702	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Analytical Method (Column Switching/Heart Cut) For The Determination of Residues of Chlorsulfuron (DPX-W4189) and 5-Hydroxychlorsulfuron (IN-N5754) in Wheat (Forage, Grain, and Straw) (Revision 1); DuPont Report Number: AMR 2341-92, Rev. 1	43454501	352	OWN	

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Date: 12/22/04 <b>Chlorsulfuron Technical; DuPont TELAR DF Herbicide</b>		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Magnitude of Residue-Processed Food; DuPont Report Title: Residues of Chlorsulfuron in Wheat Grain and Its Processed Fractions Following Application of Glean Herbicide (Supplement 1); DuPont Report Number: AMR 2221-92, Supp. 1	43507501	352	OWN	
171-4	Residue-Analytical Method; DuPont Report Title: Supplement No. 1 to: Extraction Efficiency of Analytical Methods For The Determination of [Phenyl(U)-14C]- Chlorsulfuron Derived Residues in Wheat and Oats (DuPont Report No. AMR 2309-92); DuPont Report Number: AMR 2309-92, Supp. 1	43747301 42900602	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Analytical Method (DuPont Report No. AMR 2715-93) Radiovalidation Using Aged [14C]Chlorsulfuron Residues Extracted From Goat Tissues; DuPont Report Number: AMR 3614-95	43833001	352	OWN	
171-4	Residue-Analytical Method; DuPont Report Title: Analytical Method For The Determination of Chlorsulfuron in Wheat (Forage, Grain and Straw) and Grass (Forage and Hay) By Esi-LC/MS; DuPont Report Number: AMR 3822-96	44183501	352	OWN	

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Date: 12/22/04      Chlorsulfuron Technical; DuPont TELAR DF Herbicide		EPA Reg No./File Symbol: 352-yyy (to be assigned)			
Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Residue-Analytical Method; DuPont Report Title: Independent Laboratory Validation of A Proposed Enforcement Analytical Method For The Determination of Chlorsulfuron in Wheat Straw By ESI-LC/MS; DuPont Report Number: AMR 4099-96	44218601	352	OWN	
171-4	Nature of the Residue- livestock, poultry; DuPont Report Title: Metabolism of Chlorsulfuron in Laying Hens Part A: Dosing, Sample Collection, and Material Balance Part B: Sample Analysis and Metabolite Identification; DuPont Report Number: AMR 2193-91	43143501	352	OWN	
171-4	Nature of the Residue- livestock, poultry; DuPont Report Title: Supplement No. 1 to: Metabolism of Chlorsulfuron in Laying Hens Part B: Sample Analysis and Metabolite Identification; DuPont Report Number: AMR 2193-91, Supp. 1	43600801	352	OWN	
171-4	Nature of the Residue- livestock, ruminant; DuPont Report Title: Metabolism of 14C-Chlorsulfuron in the Lactating Goat; DuPont Report Number: AMR 258-94	43388401	352	OWN	
171-4	Magnitude of the Residue - livestock, ruminant; DuPont Report Title: Fate of DPX-W4189 Ingested by Dairy Cattle; DuPont Report Number: AMR 48-81	86838	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Nature of the Residue- plants; DuPont Report Title: Metabolic Fate of Chlorsulfuron in Wheat and Barley; DuPont Report Number: AMR 2263-91	42248701	352	OWN	
171-4	Nature of the Residue-livestock, ruminant; DuPont Report Title: Metabolic Fate of Chlorsulfuron in Lactating Goat; DuPont Report Number: AMR 2269-91	42248702	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Determination of DPX-4189 Residues in Grain and Straw of Barley and Wheat by High Performance Liquid Chromatography.; DuPont Report Number: AMR 01-80	35269	352	OWN	
165-1	Confined accumulation in rotational crops; DuPont Report Title: Rotational Crop Studies with 14C-Pehnyl Labeled DPX-W4189 in the Greenhouse; DuPont Report Number: AMR 49-81	86819	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Enforcement Method For The Determination of Thifensulfuron Methyl, Metsulfuron Methyl, and Chlorsulfuron in Milk and Animal Tissues; DuPont Report Number: AMR 2715-93	42926601	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Residue- Analytical Method; DuPont Report Title: Enforcement Method For The Determination of Thifensulfuron Methyl, Metsulfuron Methyl, and Chlorsulfuron in Milk and Animal Tissues; DuPont Report Number: AMR 2715-93, Supp. 1	43526501	352	OWN	
171-4	Magnitude of Residue-Crop Fields Trials; DuPont Report Title: Magnitude of Residues of Chlorsulfuron in Wheat Following Application of Glean FC Herbicide At Maximum Label Rates; DuPont Report Number: AMR 2570-93	43767301	352	OWN	
171-4	Nature of the Residue- plants, livestock; DuPont Report Title: Independent Laboratory Validation of Chlorsulfuron (DPX-W4189) and 5-Hydroxy Metabolite (IN-N5754) in Wheat (Grain, Forage and Straw) By Column Switching (Heart Cut) Liquid Chromatography (HPLC/UV); DuPont Report Number: AMR 3208-94	43737701	352	OWN	
171-4	Residue- Analytical Method; DuPont Report Title: Independent Laboratory Validation of The Analytical Enforcement Method For The Determination of Chlorsulfuron in Milk and Animal Tissues By Liquid Chromatography; DuPont Report Number: AMR 2805-93	43107801	352	OWN	

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Applicant's / Registrant's Name & Address: E. I. DuPont de Nemours and Company, DuPont Crop Protection, Stine-Haskell Research Center, P.O. Box 30, Newark, DE 19714-0030		Product:  DuPont Telar XP Herbicide			
Ingredient: CHLORSULFURON					
Guideline Reference Number	Guideline Study name:	MRID Number	Submitter	Status	Note
171-4	Magnitude of the Residue - Crop Field Trials; DuPont Report Title "Magnitude of Residues of Chlorsulfuron in Pasture Grasses Following Application of Chlorsulfuron Herbicide at Maximum Label rates"; DuPont Report Number 4046	45630001	352	OWN	
171-4	Residue- Analytical Methods; DuPont Report Title: Determination of DPX-4189: Reversed-Phase Liquid Chromatography (RPLC) Assay Method. ; DuPont Report Number: G / PC-18	32100	352	OWN	